

**CONDITION OF CERTIFICATION BIO-2**  
SUMMARY OF BIOLOGICAL MONITORING

METCALF ENERGY CENTER  
MONTHLY COMPLIANCE REPORT

**Biological Resources**  
**Mitigation Monitoring for the**  
**Metcalf Energy Center**

**MONTHLY COMPLIANCE REPORT #42**

**March 2005**

**Prepared by:**

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**Sacramento, California 95833**

# **METCALF ENERGY CENTER**

## **MONTHLY COMPLIANCE REPORT**

**March 2005**

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# INTRODUCTION

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The Metcalf Energy Center (MEC) site is located in the Santa Clara Valley within the Urban Service Area of south San Jose. The MEC will be a 600-megawatt natural-gas-fired combined cycle power plant with the following features:

- A 230-kilovolt (kV) switchyard and approximately 240 feet of new 230-kV transmission line that loops into the existing Pacific Gas and Electric (PG&E) 230-kV Metcalf-Monta Vista No. 4 transmission on Tulare Hill.
- An approximately 1 mile, 16-inch natural gas pipeline that connects to an existing PG&E transmission backbone pipeline that runs along the eastern side of U.S. 101.
- An approximately 1000-foot recycled water pipeline from a tap into a new South Bay Water Recycling Program's (SBWR) pipeline for cooling water.
- An approximately 1.2-mile potable water pipeline will supply domestic and backup water supplies.
- A stormwater detention basin and discharge outfall structure to Fisher Creek.
- A new access road from Monterey Road at the Blanchard Road junction and visual screening and landscape corridor along the new access road that will require 6 acres of agricultural land south of the MEC site.
- A second access road (west access road) may extend from Santa Teresa Boulevard to the MEC site that will require 2 acres of agricultural land.
- Two temporary construction laydown yards totaling 24.8-acres are located in agricultural land south of the MEC site.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Mitigation measures were developed through consultation with the U. S. Fish and Wildlife Service (USFWS), U. S. Army Corps of Engineers (Corps), National Marine Fisheries Service (NMFS), California Department of Fish and Game (CDFG), and the San Francisco Bay Regional Water Quality Control Board (Water Board) to minimize unavoidable project impacts. Permits and authorizations from these agencies included conditions that must be monitored by the Designated Biologist. The Biological Monitor will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP). The following report includes all MEC project activities monitored during March 2005.

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# MONITORED MITIGATION MEASURES

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Mitigation measures were developed through consultation with USFWS, NMFS, CDFG, Water Board, Corps, and California Energy Commission (CEC) for the MEC project. Compliance with any conditions of the Corps, Water Board, and CDFG permits will be included when permits are received and used on the project.

Conditions of Certification (COC) BIO-1 through BIO-13 were in compliance during March 2005.

The following conditions described in the USFWS Biological Opinion (BO) remained pertinent to the March monitoring efforts:

- Garbage must be removed from the site.
- Activity must be limited to the minimum necessary.
- The boundaries of the site will be clearly marked.
- All equipment, personnel, and access shall be confined to designated work areas and connecting roadways.
- Refueling will occur at least 50 feet away from aquatic habitats.
- Weekly California red-legged frog surveys will be conducted in work areas.
- Bullfrogs found during amphibian surveys, including adult, subadult, and larval bullfrogs, shall be captured and killed.
- The Biological Monitor will inspect the erosion control features during rain events or other water releases.
- Concrete trucks must be washed within a designated area with a surrounding berm.

The Biological Monitor was available throughout the month to respond to biological issues as needed. March activities are described in the following section.

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# SUMMARY OF ACTIVITIES

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This report provides a summary of March project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. WEAT sign-in sheets are included in Appendix B. Representative photographs of project activities are included in Appendix C. Wildlife Observation Forms are included in Appendix D. The Biological Monitor completed daily logs summarizing activities, personal interactions, and observations. These logs are available on request.

## **Site Construction**

March site activities continued to focus on installation of aboveground infrastructure including heat recovery steam generator (HRSG) components, cooling towers, and other permanent equipment. Minor grade work occurred for main site access roads. Many of these activities will continue until project completion (expected in June 2005).

Frequency of monitoring visits decreased to every other week (or as needed), as all site activities was limited to previously disturbed areas and focused on installation of above-ground infrastructure. Monitoring visits ensured that work complied with CEC biological COCs and to determine future monitoring needs. Main site construction activity remained outside the Fisher Creek riparian corridor.

### Aboveground Infrastructure

Equipment continued to be transported from the laydown yards to the main site, where it is being installed on completed foundations. These activities will likely diminish during the upcoming months.

### Access Roads

Miscellaneous grading activities occurred on the main site including installation of an access road near the cooling towers. Previously during March 2003, the site's earthen pad near the cooling towers was expanded west to accommodate construction needs. This month, this temporary expansion area was removed according to site plan specifications and a permanent access road was installed atop the re-contoured earthen pad. The access road was installed beyond the 100-foot City of San Jose setback from Fisher Creek.

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# WORKER ENVIRONMENTAL AWARENESS TRAINING

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The WEAT program was developed exclusively for the MEC project. Program materials include a handbook, video, and poster. As required by COC BIO-6 from the CEC *Commission Decision*, all new employees must attend the WEAT program.

Sixty-nine personnel received WEAT training in March for a total of 2752 employees trained at MEC. A Calpine Site Safety Officer administered the WEAT training. A list of March WEAT attendees is included in Appendix B. Signed affidavits are kept on file by Calpine's Compliance Manager.

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## GENERAL NOTES AND OBSERVATIONS

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On March 28<sup>th</sup>, project personnel discovered a common muskrat (*Ondatra zibethicus*) trapped in the site security fence near the east side of the main access road. The Environmental Compliance Manager immediately contacted the biological monitor for guidance. Bolt cutters were used to carefully remove a portion of the fence which allowed the muskrat to escape and move towards Fisher Creek. (The associated Wildlife Observation Forms is included in Appendix D.)

No bird breeding activity, including active nests, were observed and/or reported by project personnel. As project completion nears, equipment and supplies stored in the temporary laydown yards will continue to be removed and hauled offsite. As a result, there will be increasingly less opportunities for birds to establish nests in stored equipment. Notably, the south laydown yard is nearly empty. (See Appendix C for representative photographs.)

Calpine personnel continued to perform periodic SWPPP compliance inspections of project BMPs. The Biological Monitor will continue to aid the Environmental Compliance Manager as necessary in site preparation for rain events and ensure BMPs are in good repair and are functioning properly.

Erosion/sedimentation control practices including street sweeping, use of the tire wash station, and maintenance of previously installed devices (e.g. straw rolls, silt fence, etc.). Dewatering of surface stormwater was directed into non-sensitive areas.

## **APPENDIX A**

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### **Cumulative Wildlife Species Observed In or Near the Project Area**

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to March 31, 2005)**

Common Name	Scientific Name	Location
<b>INSECTS</b>		
Bay checkerspot butterfly	<i>Euphydras editha</i> spp. <i>Bayensis</i>	TH
Cabbage white butterfly	<i>Pieris rapae</i>	EC, GP
Anise swallowtail butterfly	<i>Papilio zelicaon</i>	TH
Lorquin's admiral	<i>Limenitis lorquini</i>	GP
Buckeye butterfly	<i>Precis coenia</i>	TH
Painted lady butterfly	<i>Vanessa cardui</i>	EC
Opler's longhorn moth	<i>Adela oplerella</i>	TH
Tarantula	<i>Eurypelma californicum</i>	TH, EC
<b>AMPHIBIANS AND REPTILES</b>		
American bullfrog	<i>Rana catesbeiana</i>	CC
Pacific tree frog	<i>Hyla regilla</i>	TH, FC, EC
Arboreal salamander	<i>Aneides lugubris</i>	TH, EC
Western fence lizard	<i>Sceloporus occidentalis</i>	EC, TH, LA, FC, GP
Side-blotched lizard	<i>Uta stansburiana</i>	EC
Southern alligator lizard	<i>Elgaria multicarinata</i>	EC, TH, GP
Western skink	<i>Eumeces skiltonianus</i>	TH
Gopher snake	<i>Pituophis melanoleucus</i>	EC, LA, FC, PWL
<b>Fish</b>		
Largemouth bass	<i>Micropterus salmoides</i>	CC
Sunfish	<i>Lepomis</i> spp.	CC
Common carp	<i>Cyprinus carpio</i>	CC
<b>BIRDS</b>		
Pied-billed grebe	<i>Podilymbus podiceps</i>	FC, CC, GP
American white pelican	<i>Pelecanus erythrorhynchos</i>	EC*
Double-crested cormorant	<i>Phalacrocorax auritus</i>	CC*
Canada goose	<i>Branta canadensis</i>	EC*, CC
Mallard	<i>Anas platyrhynchos</i>	FC, CC
Gadwall	<i>Anas strepera</i>	FC
Wood duck	<i>Aix sponsa</i>	FC, CC
Common merganser	<i>Mergus merganser</i>	FC
Hooded merganser	<i>Lophodytes cucullatus</i>	FC
American coot	<i>Fulica americana</i>	FC, CC
<b>Location:</b> CC = Coyote Creek Riparian Corridor      TH = Tulare Hill Ecological Preserve      SAR = Secondary Access Road Corridor CR = Coyote Ridge      TL = Transmission Line Corridor      SS = Sanitary Sewer Pipeline EC = Metcalf Energy Center Plant Site      PWL = Potable Water Line Corridor FC = Fisher Creek Riparian Corridor      LEA = Laydown expansion area GP = Gas Pipe Line Corridor      LA = Laydown Area CTP = Construction Trade Parking Lot		
<b>Notes:</b> * Flyover or otherwise not utilizing area resources.      Species in <b>bold</b> were recorded for the first time this month. ** Non-active sign (i.e. carcass, feather, nest, track)		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to March 31, 2005) (Continued)**

Common Name	Scientific Name	Location
<b>BIRDS (continued)</b>		
Great blue heron	<i>Ardea herodias</i>	FC, GP
Green heron	<i>Butorides virescens</i>	FC, CC, GP
Great egret	<i>Casmerodius albus</i>	FC, GP
Snowy egret	<i>Egretta thula</i>	FC, GP
Killdeer	<i>Charadrius vociferus</i>	LA, LEA*, EC, GP
Turkey vulture	<i>Cathartes aura</i>	EC*, TH, LA, GP
White-tailed kite	<i>Elanus caeruleus</i>	FC, GP
Northern harrier	<i>Circus cyaneus</i>	FC, TH
Golden eagle	<i>Aquila chrysaetos</i>	TH
Osprey	<i>Pandion heliaetus</i>	CC*, TH, EC, FC
Sharp-shinned hawk	<i>Accipiter striatus</i>	FC, TH
Cooper's hawk	<i>Accipiter cooperii</i>	CC, EC*, FC
Red-shouldered hawk	<i>Buteo lineatus</i>	EC, FC, LA, CC, LEA, GP
Red-tailed hawk	<i>Buteo jamaicensis</i>	EC, FC, GP, TH, TL, CC
American kestrel	<i>Falco sparverius</i>	EC, TH, SS
Prairie falcon	<i>Falco mexicanus</i>	TH
Barn owl	<i>Tyto alba</i>	GP
California quail	<i>Callipepla californica</i>	CC, GP
Spotted sandpiper	<i>Actitis macularia</i>	FC
Mourning dove	<i>Zenaidura macroura</i>	EC, FC, TH, TL, CC, GP
Rock dove	<i>Columba livia</i>	EC*, TH*, GP
Anna's hummingbird	<i>Calypte anna</i>	TH, CC
Hummingbird sp.		EC, TH, FC
Belted kingfisher	<i>Ceryle alcyon</i>	FC, EC*, CC, GP
Northern flicker	<i>Colaptes auratus</i>	EC, FC, TH
Nuttall's woodpecker	<i>Picoides nuttallii</i>	FC, FC**(nest), EC
Downy woodpecker	<i>Picoides pubescens</i>	EC, FC
Black phoebe	<i>Sayornis nigricans</i>	EC, EC** (nest), FC, TL, LEA, CC, GP
Say's phoebe	<i>Sayornis saya</i>	LEA
Western scrub-jay	<i>Aphelocoma californica</i>	EC, FC, LEA, CC, GP
Common raven	<i>Corvus corax</i>	EC, TH, FC, CC, GP
Horned lark	<i>Eremophila alpestris</i>	TH
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve	SAR = Secondary Access Road Corridor
CR = Coyote Ridge	TL = Transmission Line Corridor	SS = Sanitary Sewer Waterline
EC = Metcalf Energy Center Plant Site	PWL = Potable Water Line Corridor	
FC = Fisher Creek Riparian Corridor	LEA = Laydown expansion area	
GP = Gas Pipe Line Corridor	LA = Laydown Area	
	CTP = Construction Trade Parking Lot	
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		
Species in <b>bold</b> were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to March 31, 2005) (Continued)**

Common Name	Scientific Name	Location
<b>BIRDS (CONTINUED)</b>		
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	EC
Cliff swallow	<i>Petrochelidon pyrrhonotta</i>	FC, FC**(nest), EC, TL
Barn swallow	<i>Hirundo rustica</i>	EC, LEA, GP
Oak titmouse	<i>Baeolophus inornatus</i>	FC, CC
Chestnut-backed chickadee	<i>Poecile rufescens</i>	FC, GP
Bushtit	<i>Psaltirparus minimus</i>	EC, FC, FC**(nest), GP, TL, CC
White-breasted nuthatch	<i>Sitta carolinensis</i>	FC
Bewick's wren	<i>Thryomanes bewickii</i>	FC, TH, CC, GP
Rock wren	<i>Salpinctes obsoletus</i>	FC, TH, LA
Ruby-crowned kinglet	<i>Regulus calendula</i>	TH, FC, CC
Hermit thrush	<i>Catharus guttatus</i>	FC
Northern mockingbird	<i>Mimus polyglottos</i>	EC, FC, GP
Western bluebird	<i>Sialia mexicana</i>	FC, CC, EC, LEA
American robin	<i>Turdus migratorius</i>	LA, EC, CC
Loggerhead shrike	<i>Lanius ludovicianus</i>	TH, FC, EC, SAR
Western kingbird	<i>Tyrannus verticalis</i>	CC
European starling	<i>Strunus vulgaris</i>	LEA, FC, EC, GP
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	EC
Rufous-sided towhee	<i>Pipilo erythrophthalmus</i>	GP
California towhee	<i>Pipilo crissalis</i>	EC, TH, FC, CC, GP
Dark-eyed junco	<i>Junco hyemalis</i>	FC, TH, CC
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	EC, FC, TH, CC
Song sparrow	<i>Melospiza melodia</i>	EC, LA, LEA, FC, GP
Yellow-rumped warbler	<i>Dendroica magnolia</i>	TH, FC, CC
Western meadowlark	<i>Sturnella neglecta</i>	EC, LA, TH
Red-winged blackbird	<i>Agelaius phoeniceus</i>	FC, SAR
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	FC, EC, CC, SAR
Bullock's oriole	<i>Icterus bullockii</i>	FC, FC**(nest), CC
House finch	<i>Carpodacus mexicanus</i>	EC, LA**, CC, FC, LEA**(nest), GP
American goldfinch	<i>Carduelis tristis</i>	LEA
Lesser goldfinch	<i>Carduelis psaltria</i>	EC, FC, CC, TH
<b>Location:</b>		
CC = Coyote Creek Riparian Corridor	TH = Tulare Hill Ecological Preserve	SAR = Secondary Access Road Corridor
CR = Coyote Ridge	TL = Transmission Line Corridor	SS = Sanitary Sewer Water line
EC = Metcalf Energy Center Plant Site	PWL = Potable Water Line Corridor	
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GP = Gas Pipe Line Corridor	LA = Laydown Area	
	CTP = Construction Trade Parking Lot	
<b>Notes:</b>		
* Flyover or otherwise not utilizing area resources.		
** Non-active sign (i.e. carcass, feather, nest, track)		
Species in <b>bold</b> were recorded for the first time this month.		

**Cumulative Wildlife Species Observed In or Near the Metcalf Energy Center Project  
and Linear Facilities Area (May 2001 to March 31, 2005) (Continued)**

Common Name	Scientific Name	Location
<b>MAMMALS</b>		
House sparrow	<i>Passer domesticus</i>	EC, FC, CC, LEA**(nest)
Common raccoon	<i>Procyon lotor</i>	FC**(track)
Striped skunk	<i>Mephitis mephitis</i>	TH**(track), GP
Opossum	<i>Didelphis marsupialis</i>	EC
Domestic dog	<i>Canis familiaris</i>	EC
Coyote	<i>Canis latrans</i>	TH, SS
Feral cat	<i>Felis catus</i>	EC
Mountain lion	<i>Puma concolor</i>	GP**(tracks)
Bobcat	<i>Lynx rufus</i>	CC** (carcass), GP
California ground squirrel	<i>Spermophilus beechyi</i>	EC, FC, TH, TL, GP
Western gray squirrel	<i>Sciurus griseus</i>	FC
Valley pocket gopher	<i>Thomomys bottae</i>	LA**(carcass), SAR, GP
California vole	<i>Microtus californicus</i>	FC, EC
Deer mouse	<i>Peromyscus maniculatus</i>	TH, EC
Dusky-footed woodrat	<i>Neotoma fuscipes</i>	GP**(lodge)
Norway Rat	<i>Rattus norvegicus</i>	EC
<b>Common muskrat</b>	<b><i>Ondatra zibethicus</i></b>	FC, LY
Brush rabbit	<i>Sylvilagus bachmani</i>	GP
Black-tailed jackrabbit	<i>Lepus californicus</i>	EC, TH, CTP
Feral pig	<i>Sus scrofa</i>	CC**(carcass), GP**(scat)
Tule elk	<i>Cervus nannodes</i>	CR
Black-tailed deer	<i>Odocoileus hemionus</i>	FC, GP, CC
<b>Location:</b> CC = Coyote Creek Riparian Corridor      TH = Tulare Hill Ecological Preserve      SAR = Secondary Access Road Corridor CR = Coyote Ridge      TL = Transmission Line Corridor      SS = Sanitary Sewer Waterline EC = Metcalf Energy Center Plant Site      PWL = Potable Water Line Corridor FC = Fisher Creek Riparian Corridor      LEA = Laydown expansion area GP = Gas Pipe Line Corridor      LA = Laydown Area CTP = Construction Trade Parking Lot		
<b>Notes:</b> * Flyover or otherwise not utilizing area resources.      Species in <b>bold</b> were recorded for the first time this month. ** Non-active sign (i.e. carcass, feather, nest, track)		

## **APPENDIX B**

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### **WEAT Sign-In Sheets**

# METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 03.01.05

**PLEASE NOTE:**

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY			
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Garrett L. Bacaus	Garrett L. Bacaus	Signet	D	080	60279	0483
BEN PUGGAR	Ben F. Puggar	SSC	W	01613	—	—
JAY NOLAN	Jay Nolan	MARLEY	D	620	36109	0484
Jim Ehmlke	Jim Ehmlke	ER Shigs	W	01614	—	—
JEFF C. STINE	Jeff C. Stine	MARLEY	D	215	60614	0485
Kevin Gramentz	Kevin Gramentz	Thompson Lightning	W	01615	—	—
JAMES PAREDES	James Paredes	Thompson Lightning	W	01616	—	—
John Graftigna	John Graftigna	B.C.R.	W	01617	—	—
Joel Toland	Joel Toland	ORAC	W	01618	—	—
KEVIN KIRK	Kevin Kirk	B.C.R.	W	01619	—	—
TED SMITH	Ted Smith	JORGENSEN Co.	D	357	16655	0486
STEVE FRANK	Steve Frank	"	D	461	16759	0487
DON FULLER	Don Fuller	CRANE VALVE	D	468	16766	0488
Brent Dawers	Brent Dawers	Crane Valve	D	384	16682	—
Russ Wampler	Russ Wampler	CRANE VALVE	D	633	36122	—
Eileen Aguilar	Eileen Aguilar	CCMC	D	669	36158	0489

(16)

Instructor/s: W. Snomell

# METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 03.09.05

**PLEASE NOTE:**

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY			
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W OR D	EMP ID #	BADGE #	PARK PERMIT #
Eddie Palwara	<i>Eddie Palwara</i>	BRAGG	D	276		494
John Colangelo	<i>John Colangelo</i>	BRAGG	W	01620	—	—
LANNIE NELSON	<i>Lannie Nelson</i>	BRAGG	W	01621	—	—
Ramon Cardenas	<i>Ramon Cardenas</i>	SAFWAY	W	01622	—	—
Roman Pulido	<i>Roman Pulido</i>	Safeway	W	01623	—	—
Juan Guzman	<i>Juan Guzman</i>	INTERSTATE	W	01624	—	—
Sadi Verasco	<i>Sadi Verasco</i>	INTERSTATE	W	01625	—	—
ROBT. WILSON	<i>Robt. Wilson</i>	USCI	W	01626	—	—
JOHN KELLY	<i>John Kelly</i>	WEIR SERVICES	D	296		495
JOHN WILLIS	<i>John Willis</i>	FE MORAN	W	01627	—	—
JACKIE GAWN	<i>Jackie Gawn</i>	BRAGG	W	01628	—	—
Brad Harrod	<i>Brad Harrod</i>	BES + T	D	310		496
Lester Haines Sr	<i>Lester Haines Sr</i>	Safeway	W	01629	—	—
George Scheid	<i>George Scheid</i>	Calpine	D	358		497
Ronald Wiener	<i>Ronald Wiener</i>	Stemens	D	391		498
ROGER WALLACE	<i>Roger Wallace</i>	WEST	D	443		499
ANDY GALLAGHER	<i>Andy Gallagher</i>	QISI	D	455		500

Instructor/s: *N. Grumel*

# METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 03.14.05

**PLEASE NOTE:**

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

NAME (PRINT)	NAME (SIGNATURE)	COMPANY	FOR OFFICE USE ONLY			
			W OR D	EMP ID #	BADGE #	PARK PERMIT #
RICHARD WASSON	<i>Richard Wasson</i>	NSE	W	01630		
Robert Thornton	<i>Robert Thornton</i>	NSE	W	01631		
Oscar Bernastro	<i>Oscar Bernastro</i>	SAF-WRY-Steel	W	01632		
JOSE L. PARRA	<i>Jose L. Parra</i>	SAFWAY	W	01633		
STAN CURRAN	<i>Stan Curran</i>	NSE	D	283	60682	506
Barry Houet	<i>Barry Houet</i>	NSE	W	01635		
JASON MALLORY	<i>Jason Mallory</i>	SSC	W	01636		
Ricci Herro	<i>Ricci Herro</i>	SSC	W	01637		
MATT HICKEY	<i>Matt Hickey</i>	SSC	W	01638		
Ruben Sanchez	<i>Ruben Sanchez</i>	SSC	W	01639		
MARC PELLETIER	<i>Marc Pelletier</i>	CPN	D	516	16814	507

①

Instructor/s: *N. Monreal*

(Biology, Archaeology, & Paleontology)

**PLEASE NOTE:**

[illegible]

Instructor/s: Connie Conway

# METCALF ENERGY CENTER ENVIRONMENTAL TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

Date: 03.21.05

**PLEASE NOTE:**

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.

			FOR OFFICE USE ONLY			
NAME (PRINT)	NAME (SIGNATURE)	COMPANY	W O R D	EMP ID #	BADGE #	PARK PERMIT #
Alvaro Sanchez	<i>Alvaro Sanchez</i>	SAFWAY	W	01645		
LORENZO ACOSTA	<i>Lorenzo Acosta</i>	SAFWAY	W	01646		
CONCEPCION MEDINA	<i>Concepcion Medina</i>	SAFWAY	W	01647		
GILBERT PALOMINO	<i>Gilbert Palomino</i>	BRAGG CRANE	W	01648		
Jose R Morales	<i>Jose R Morales</i>	BRAGG CRANE	W	01649		
James B. Rue Jr	<i>James B Rue Jr</i>	BRAGG CRANE	W	01650		
ED McCARTNEY	<i>Ed McCartney</i>	BRAGG CRANE	W	01651		
DAVID AVILA	<i>David Avila</i>	BRAGG CRANE	W	01652		
Joe Alvarez	<i>Joe Alvarez</i>	SSC	W	01653		
Rodolfo Fuentes	<i>Rodolfo Fuentes</i>	INSE	W	01654		
Fred Petty	<i>Fred Petty</i>	Mazza Masonry	W	01655		
DAN FITZGERALD	<i>Dan Fitzgerald</i>	Mazza Masonry	W	01656		

Instructor/s: *D. Grimmer*

(Biology, Archaeology, & Paleontology)

Date:

*By signing below, I acknowledge that I have attended the Worker Environmental Awareness Training Program for the Metcalf Energy Center Project, and I agree to comply with all the environmental requirements presented.*

**FOR OFFICE USE ONLY**

**Instructor/s:**

Answer

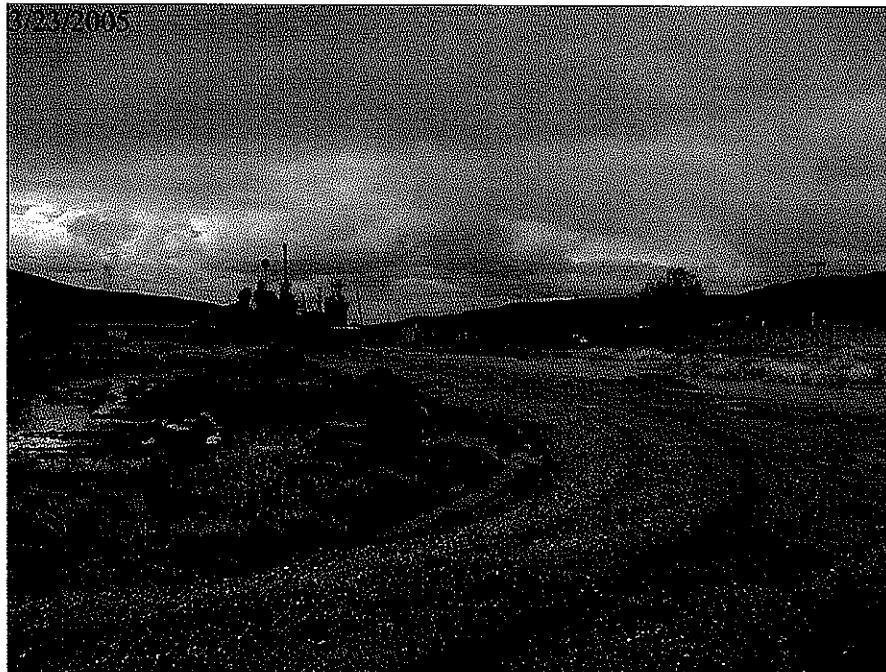
## **APPENDIX C**

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### **Photographs**



**Cooling Towers**



**South Laydown Yard Nearly Vacant**

## **APPENDIX D**

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### **Wildlife Observation Forms**

Figure B-1. Wildlife Observation Form

WILDLIFE OBSERVATION FORM	
To Record Animals Found In Metcalf Energy Center Project Areas	
To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.	
Name of employee:	Mark Smolley
Date:	03/28/05
Location of observation:	North of Security Guard Shack
Condition of wildlife:	alive <input checked="" type="checkbox"/> dead <input type="checkbox"/>
Species:	Muskrat
Possible cause of injury or death:	
Where is the animal currently?	Outside of the chain link fence, east of the project site,
Is the resource in danger of project (or other) impacts?	No
Comments:	The muskrat was stuck in the chain link fence. Bolt cutters were used to cut the chain link and free the muskrat, and the animal then walked away into the tall grass.
Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game and United States Fish and Wildlife Service to protect fish, wildlife and vegetation from construction impacts.	
DESIGNATED BIOLOGIST: Debra Crowe (916) 920-0212 ext. 385	
BIOLOGICAL FIELD MONITOR: Todd Ellwood (408) 839-2402	
COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600, Sacramento, CA 95833	
USFWS CONTACT: Cecilia Brown (916) 414-6625	
CDFG CONTACT: Mark Imsdahl (707) 944-5512	